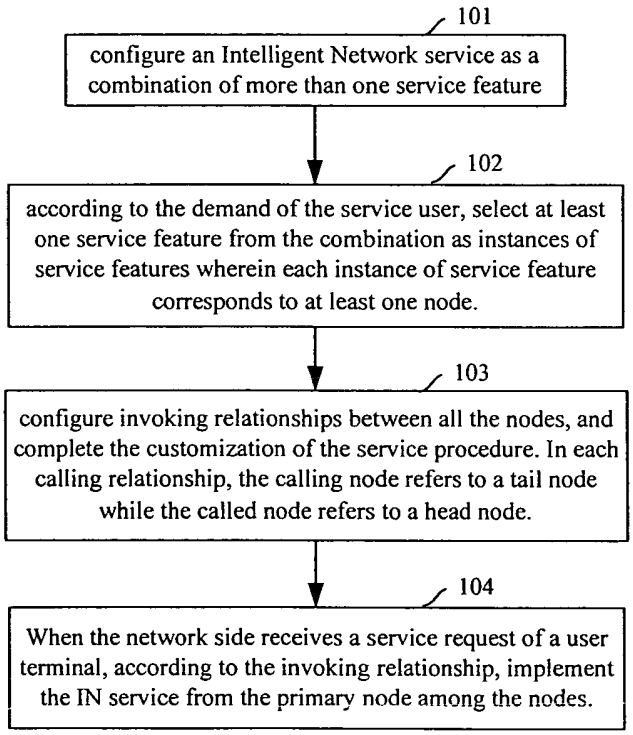
101
configure an Intelligent Network service as a combination of more than one service feature
102
according to the demand of the service user, select at least one service feature from the combination as instances of service features wherein each instance of service feature corresponds to at least one node.
103
configure invoking relationships between all the nodes, and complete the customization of the service procedure. In each calling relationship, the calling node refers to a tail node while the called node refers to a head node.
104
When the network side receives a service request of a user terminal, according to the invoking relationship, implement the IN service from the primary node among the nodes.

Fig. 1

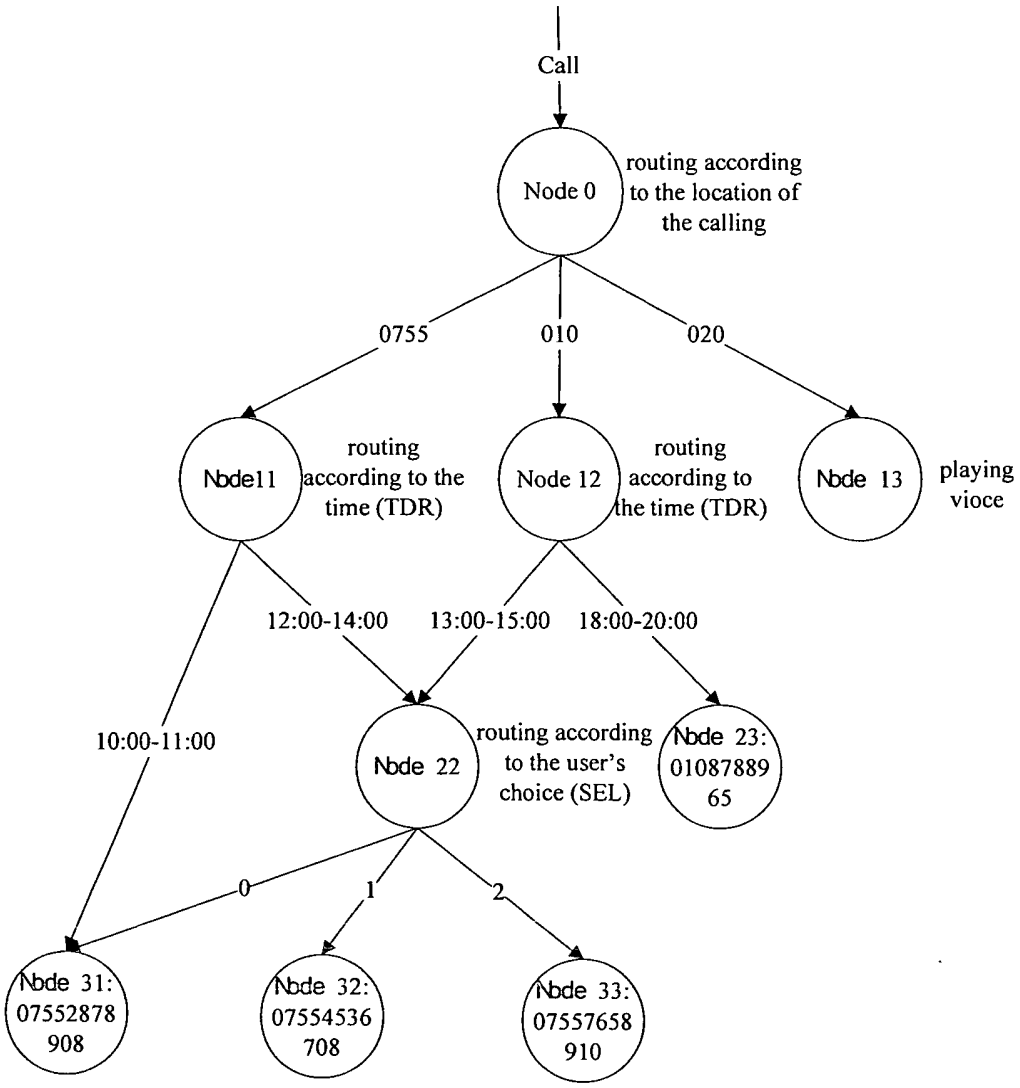
Call
Node 0
routing according to the location of the calling
0755
010
020
Nbde11
routing according to the time (TDR)
Node 12
routing according to the time (TDR)
Nbde 13
playing vioce
12:00-14:00
13:00-15:00
18:00-20:00
10:00-11:00
Nbde 22
routing according to the user's choice (SEL)
Nbde 23: 01087889 65
0
1
2
Nbde 31: 07552878 908
Nbde 32: 07554536 708
Nbde 33: 07557658 910

Fig. 2

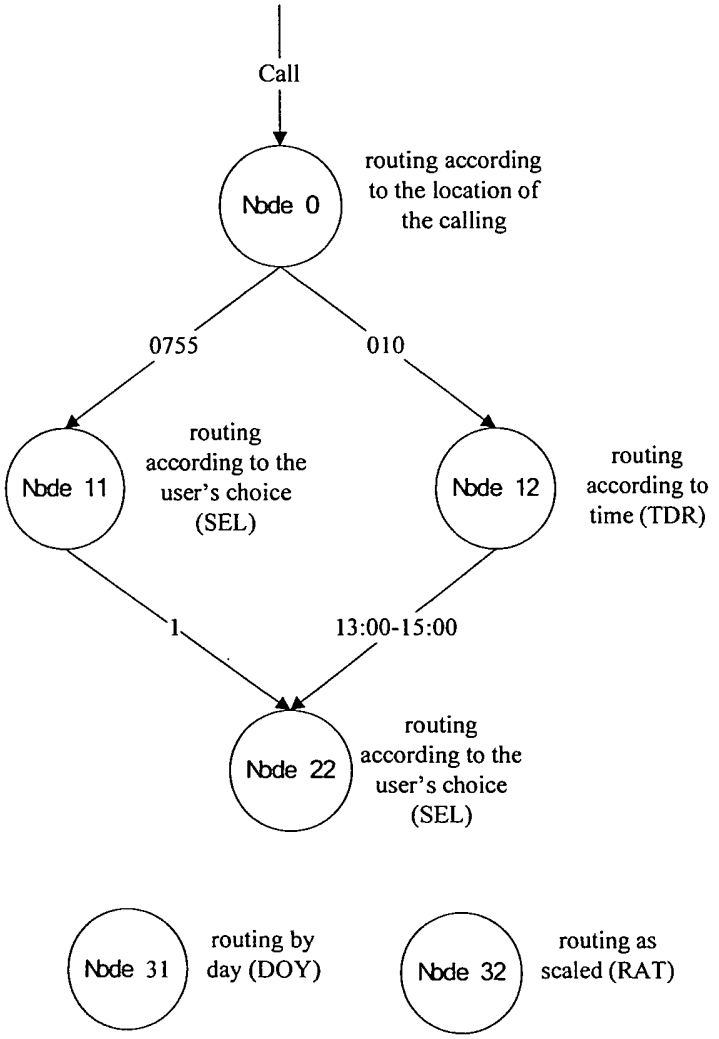
Call
Node 0
routing according to the location of the calling
0755
010
Node 11
routing according to the user's choice (SEL)
Node 12
routing according to time (TDR)
1
13:00-15:00
Node 22
routing according to the user's choice (SEL)
Node 31
routing by day (DOY)
Node 32
routing as scaled (RAT)

Fig. 3

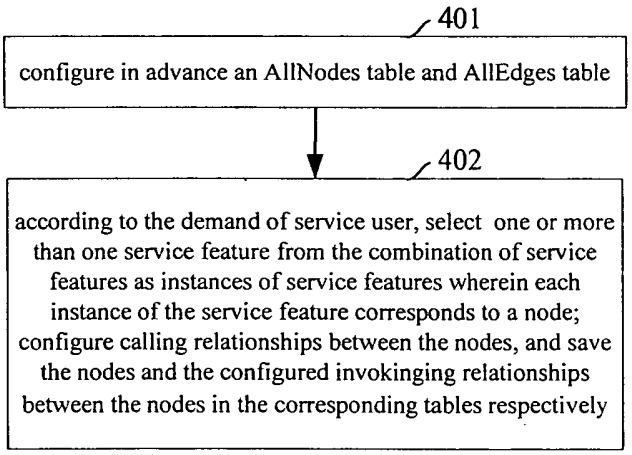
401
configure in advance an AllNodes table and AllEdges table
402
according to the demand of service user, select one or more than one service feature from the combination of service features as instances of service features wherein each instance of the service feature corresponds to a node; configure calling relationships between the nodes, and save the nodes and the configured invokinging relationships between the nodes in the corresponding tables respectively

Fig. 4

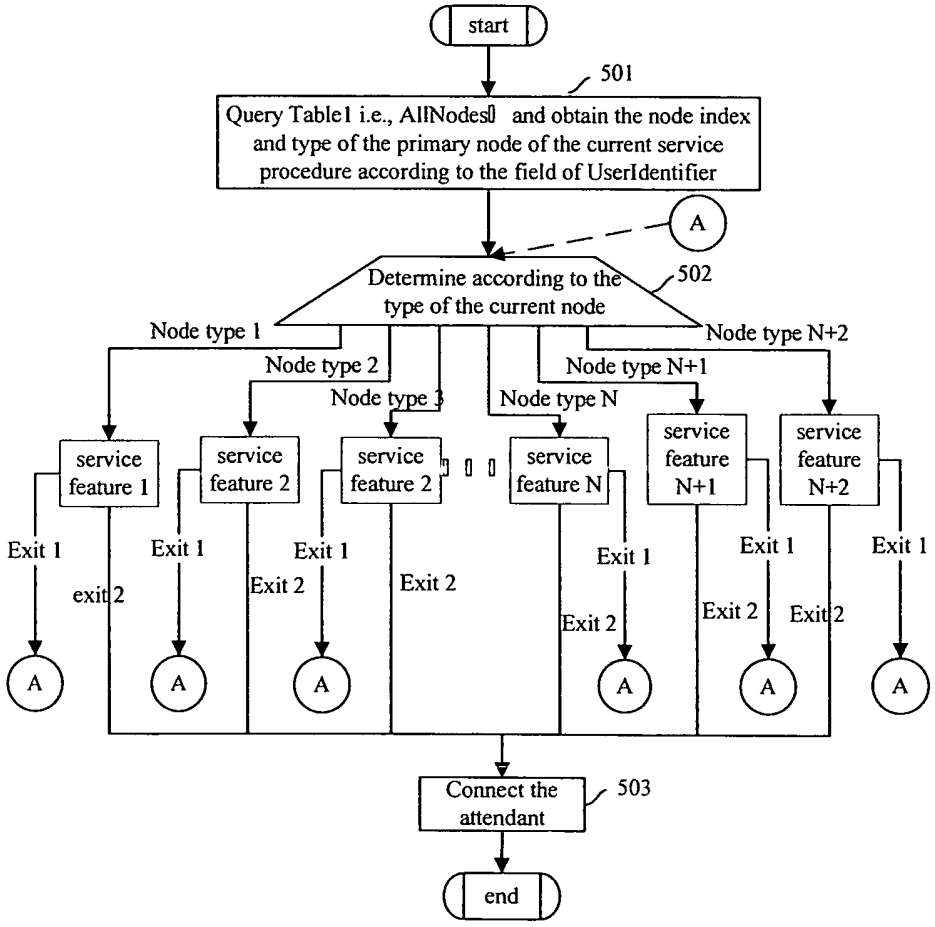
start
501
Query Table1 i.e., AllNodes[] and obtain the node index and type of the primary node of the current service procedure according to the field of UserIdentifier
A
Determine according to the type of the current node
502
Node type 1
Node type 2
Node type 3
Node type N
Node type N+1
Node type N+2
service feature 1
service feature 2
service feature 2
service feature N
service feature N+1
service feature N+2
Exit 1
exit 2
Exit 1
Exit 2
Exit 1
Exit 2
Exit 1
Exit 2
Exit 1
Exit 2
Exit 1
Exit 2
A
A
A
A
A
A
Connect the attendant
503
end

Fig. 5

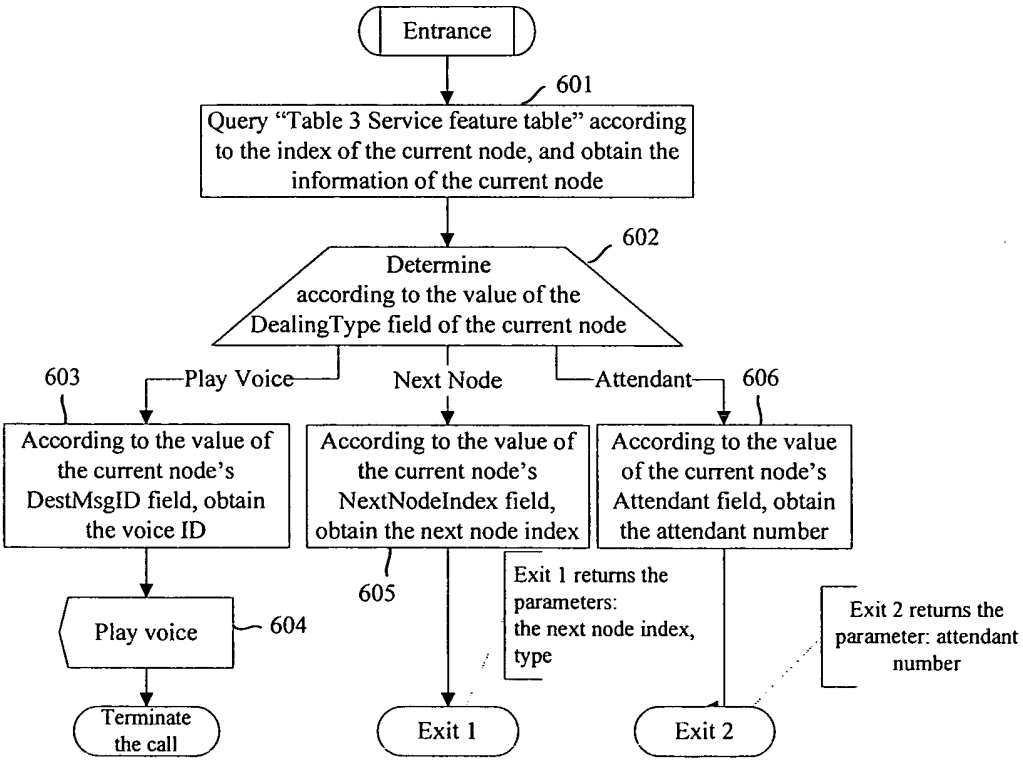
Entrance
601
Query "Table 3 Service feature table" according to the index of the current node, and obtain the information of the current node
602
Determine according to the value of the DealingType field of the current node
603
Play Voice
Next Node
Attendant
606
According to the value of the current node's DestMsgID field, obtain the voice ID
According to the value of the current node's NextNodeIndex field, obtain the next node index
According to the value of the current node's Attendant field, obtain the attendant number
Play voice
604
605
Exit 1 returns the parameters: the next node index, type
Exit 2 returns the parameter: attendant number
Terminate the call
Exit 1
Exit 2

Fig. 6